

IN THE CLAIMS

1-7. (cancelled)

8. (currently amended) A liner assembly for a SWET box, said liner assembly comprising:

an enclosure configured to be received in a heating chamber of the SWET box, said enclosure comprising a rear wall, a front wall opposite said rear wall, a pair of opposed end walls, and a stepped portion comprising a dividing wall defining a welding chamber therein, said welding chamber sized to receive a component being welded therein;

a gas delivery system for supplying a protective gas into the SWET box and said enclosure; and

a lid coupled to the SWET box and extending over the heating chamber and said enclosure, encasing the heating chamber and said enclosure.

9. (withdrawn) A liner assembly in accordance with Claim 8 wherein said enclosure dividing wall further defines a cavity adjacent to said welding chamber, one of said end walls comprising an arcuate wall that partially borders said cavity.

10. (withdrawn) A liner assembly in accordance with Claim 8 wherein said welding chamber comprises a side wall having a window open to a heating source in a wall of the heating chamber for supplying heat energy to said welding chamber.

11. (original) A liner assembly in accordance with Claim 8 wherein said gas delivery system includes a diffuser positioned adjacent a floor of said welding chamber, said diffuser coupled to a protective gas source through said floor of said welding chamber.

12. (original) A liner assembly in accordance with Claim 11 wherein said diffuser comprises an array of perforated tubes.

13. (original) A liner assembly in accordance with Claim 11 further comprising a blade support positioned above said diffuser, said support including a perforated base in flow communication with said diffuser.

14. (original) A liner assembly in accordance with Claim 13 wherein said blade support is separated from said diffuser by a layer of mesh material.

15. (original) A liner assembly in accordance with Claim 8 wherein said gas delivery system includes a plurality of diffuser cups coupled to said lid.

16. (currently amended) A SWET box comprising:

a heating chamber;

an enclosure configured to be received in said heating chamber, said enclosure comprising a rear wall, a front wall opposite said rear wall, a pair of opposed end walls, and a stepped portion comprising a dividing wall defining a welding chamber therein, said welding chamber sized to receive a component being welded therein;

a gas delivery system for supplying a protective gas into said heating chamber and said enclosure; and

a lid coupled to said heating chamber and extending over said heating chamber and said enclosure, encasing said heating chamber and said enclosure.

17. (withdrawn) A SWET box in accordance with Claim 16 wherein said welding chamber comprises a side wall having a window open to a heating source in a wall of said heating chamber for supplying heat energy to said welding chamber.

18. (original) A SWET box in accordance with Claim 16 wherein said gas delivery system includes a diffuser positioned adjacent a floor of said welding chamber, said diffuser coupled to a protective gas source through said floor of said welding chamber.

19. (original) A SWET box in accordance with Claim 18 wherein said diffuser comprises an array of perforated tubes.

20. (original) A SWET box in accordance with Claim 16 wherein said gas delivery system includes a plurality of diffuser cups coupled to said lid.